

Claims

1. Pliers for cutting plastic tubes, which have first lever (1) and second lever (2) articulated together on pivot axis (3) allowing them to be pivoted between an open position for receiving a tube which is to be cut and a closed position at the end of cutting, first lever (1) being provided with grooves (41, 42, 43) of different widths, each of which is intended for receiving a tube of corresponding diameter, and second lever (2) supporting blade (5),

characterized by wheel (4) mounted so as to rotate on first lever (1), in the periphery of which grooves (41, 42, 43) are formed in such a way that a groove selected according to the diameter of the tube can be placed opposite blade (5) when wheel (4) is turned to a corresponding position.

2. Pliers according to Claim 1, characterized by the fact that blade (5) has two successive cutting edges (51, 52) between which are formed point (53).

3. Pliers according to Claim 1 or 2, characterized by the fact that the width of each of grooves (41, 42, 43) is less than the diameter of the tube which it is intended to receive.

4. Pliers according to any one of Claims 1 to 3, characterized by the fact that wheel (4) consists of two disks (44, 45) parallel to one another and mounted so as to be axially distanced from one another on the same rotary shaft (11) housed in first lever (1), rotary shaft (11) being oriented parallel to pivot axis (3) of levers (1, 2).

5. Pliers according to Claim 4, characterized by the fact that each disk (44, 45) has the same number of pins (46) as the number of grooves (41, 42, 43), pins (46) being intended to cooperate with two holes (12, 13) made in lever (1), in order to mark a stop position of wheel (4) for each groove.

6. Pliers according to Claim 4, characterized by the fact that first lever (1) has two branches (14, 15) between which wheel (4) is mounted so as to rotate, each of the

two branches (14, 15) terminating, beyond rotary shaft (11) of the two disks (44, 45), in branch end (16, 17) provided with hole (12, 13), and by the fact that each disk (44, 45) is provided with the same number of pins (46) as grooves (41, 42, 43), where each pin (46) is intended to cooperate with hole (12 or 13) of corresponding branch end (16 or 17) in order to mark a stop position of wheel (4) for the selected groove (41, 42 or 43).

7. Pliers according to any one of Claims 4 to 6, characterized by the fact that disks (44, 45) are mounted on rotary shaft (11) in such a way that they can be tilted slightly towards one another against a return force.